

FIG. 1

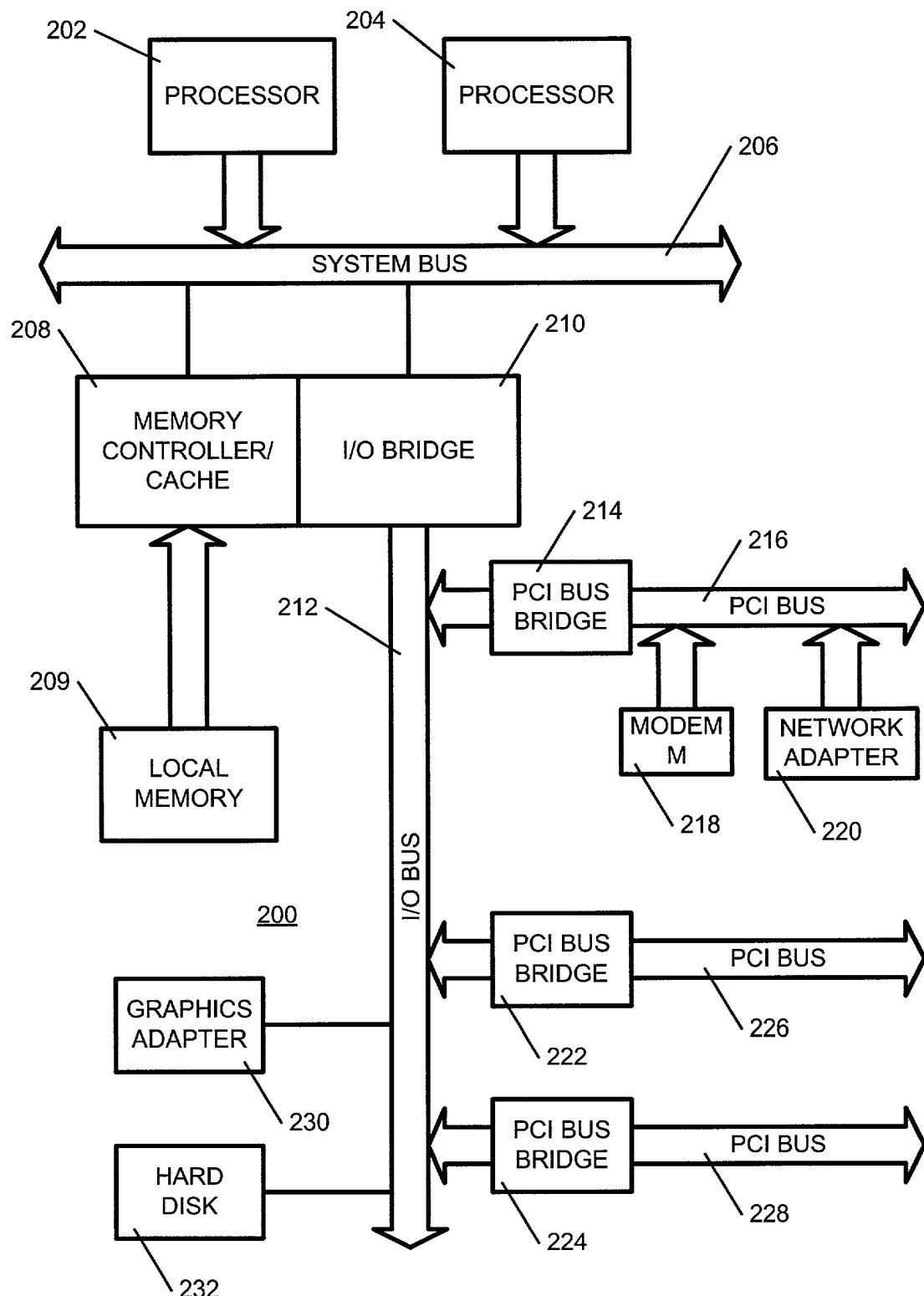


FIG. 2

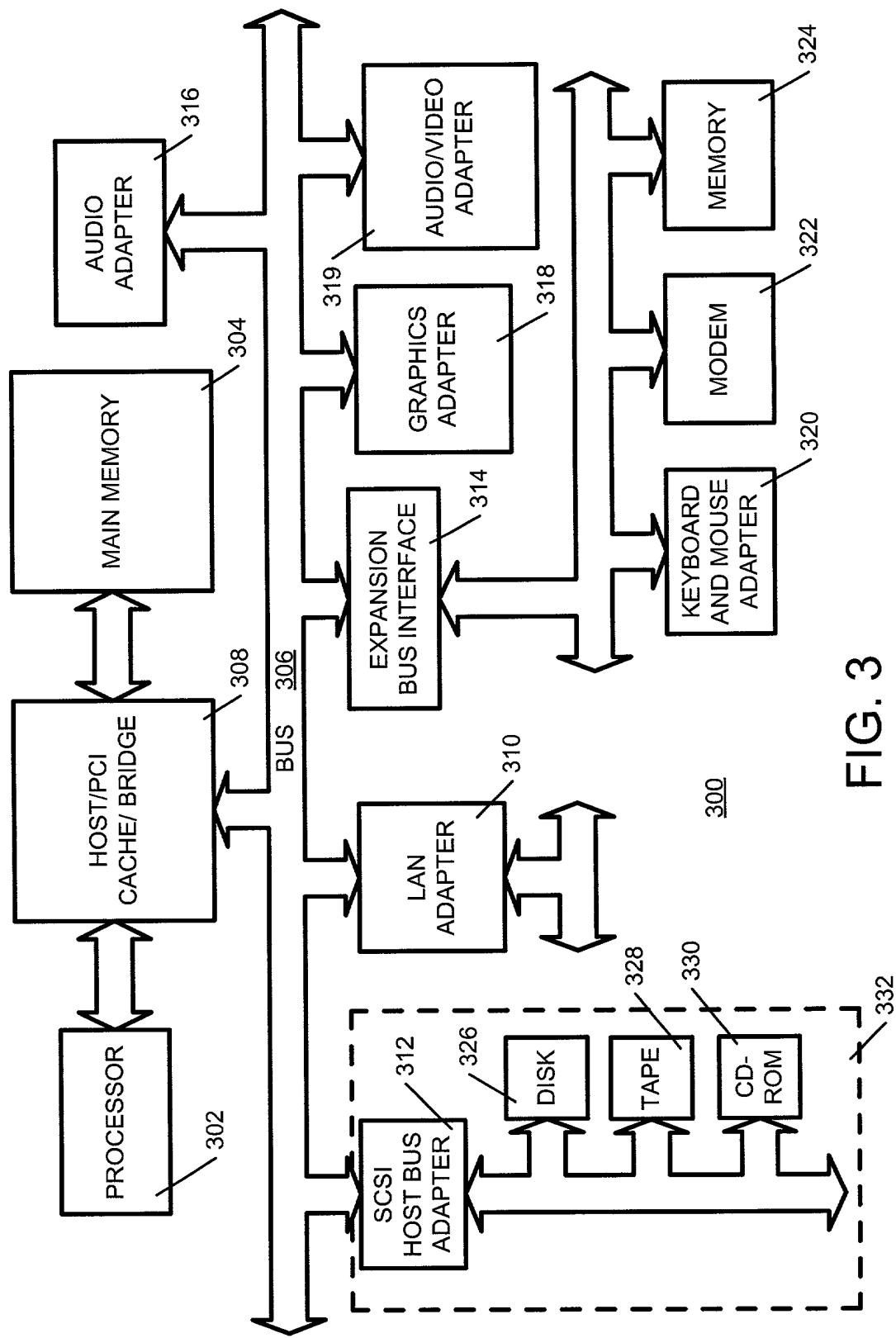


FIG. 3

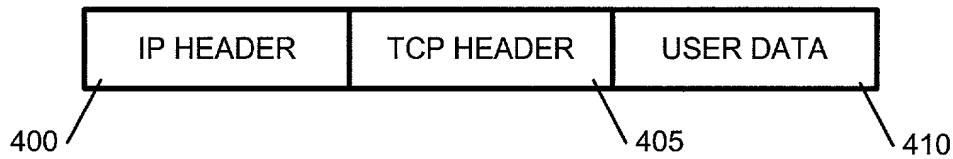


FIG. 4

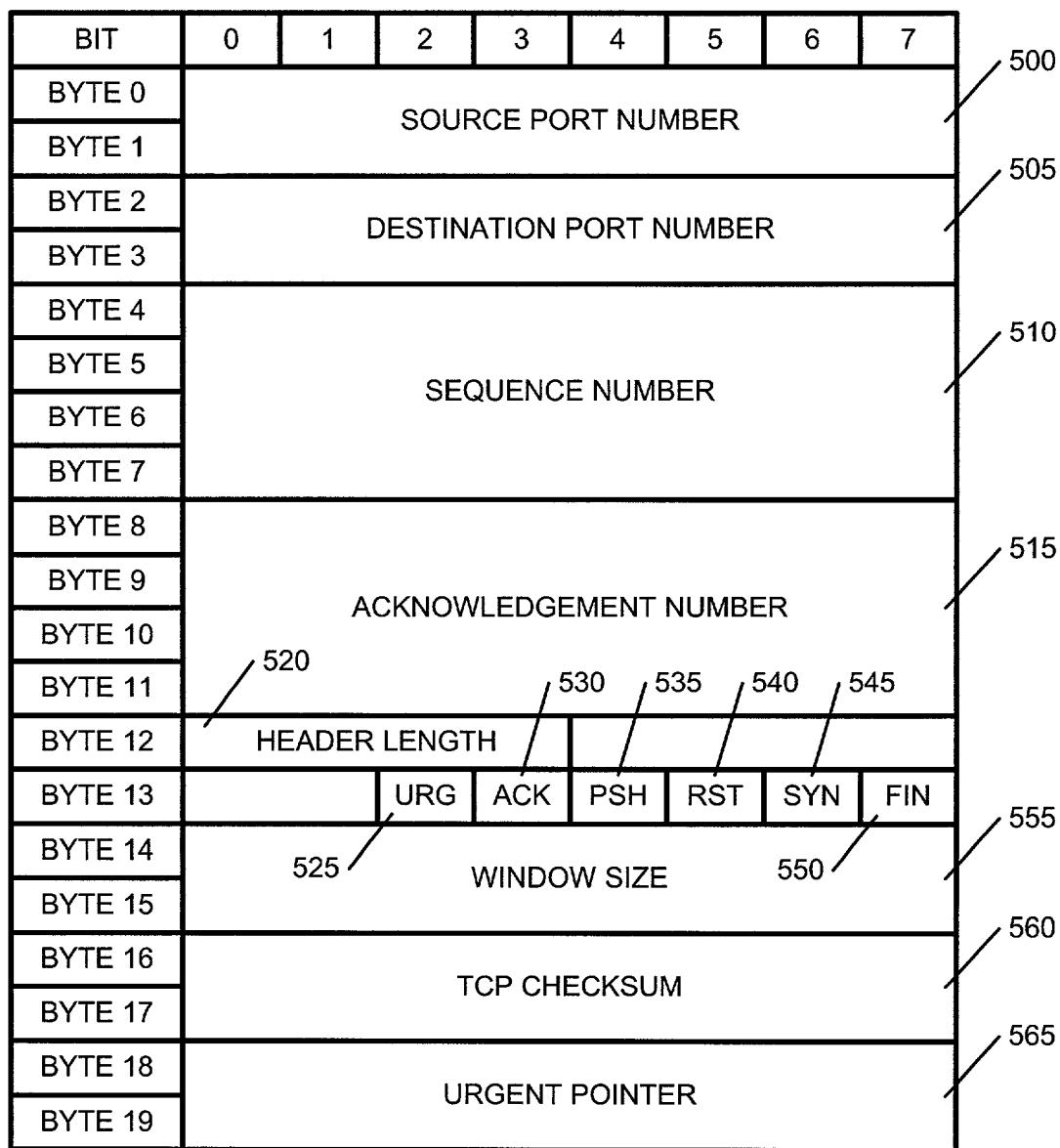


FIG. 5

```
<?XML VERSION="1.0"?>
<COMPANY NAME="INFORMATION STRATEGIES">
    <EMPLOYEES>
        <EMPLOYEE ID="1">HANK AARON</EMPLOYEE>
        <EMPLOYEE ID="2">BABE RUTH</EMPLOYEE>
    </EMPLOYEES>
</COMPANY>
```

**FIG. 6**

```
<EMPLOYEE ID="3">MICKEY MANTLE</EMPLOYEE>
<EMPLOYEE ID="4">TY COBB</EMPLOYEE>
```

**FIG. 7**

```
<?XML VERSION="1.0"?>
<IP_HEADER>
    <TCP_HEADER>
        <TCP_CONNECTION>
            <SYN_SENT>SEQUENCE#</SYN_SENT>
            <SYN_RECEIVED>SEQUENCE#</SYN_RECEIVED>
            <ACK_RECEIVED>ACK#</ACK_RECEIVED>
            <ACK_SENT>ACK#</ACK_SENT>
        </TCP_CONNECTION>
    </TCP_HEADER>
</IP_HEADER>
```

**FIG. 8**

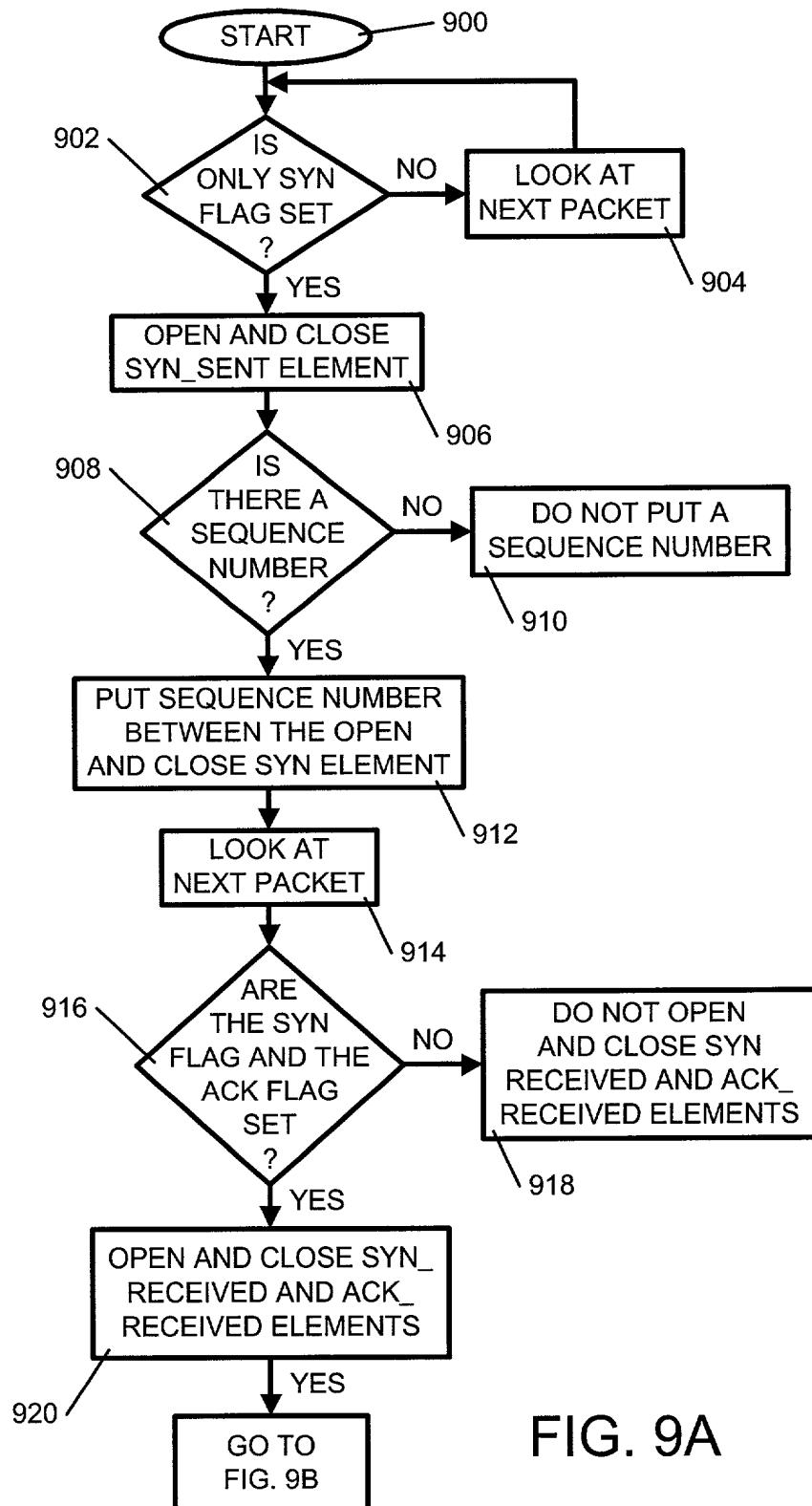


FIG. 9A

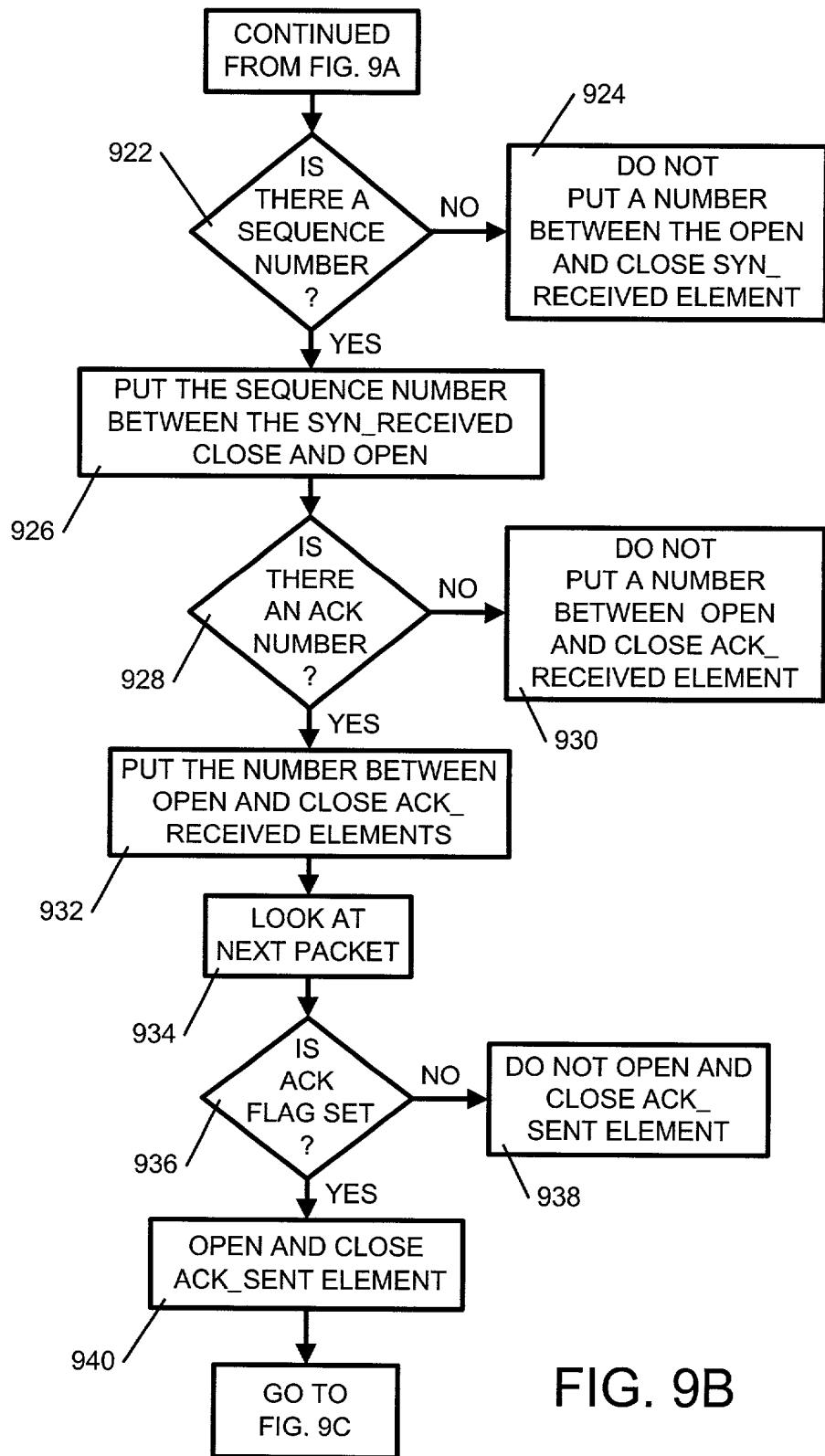


FIG. 9B

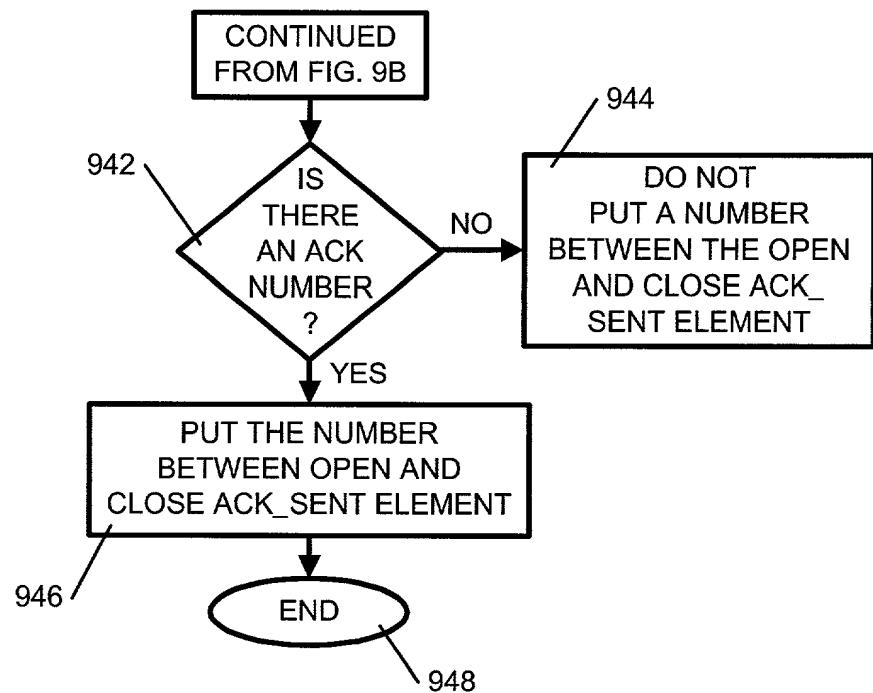


FIG. 9C

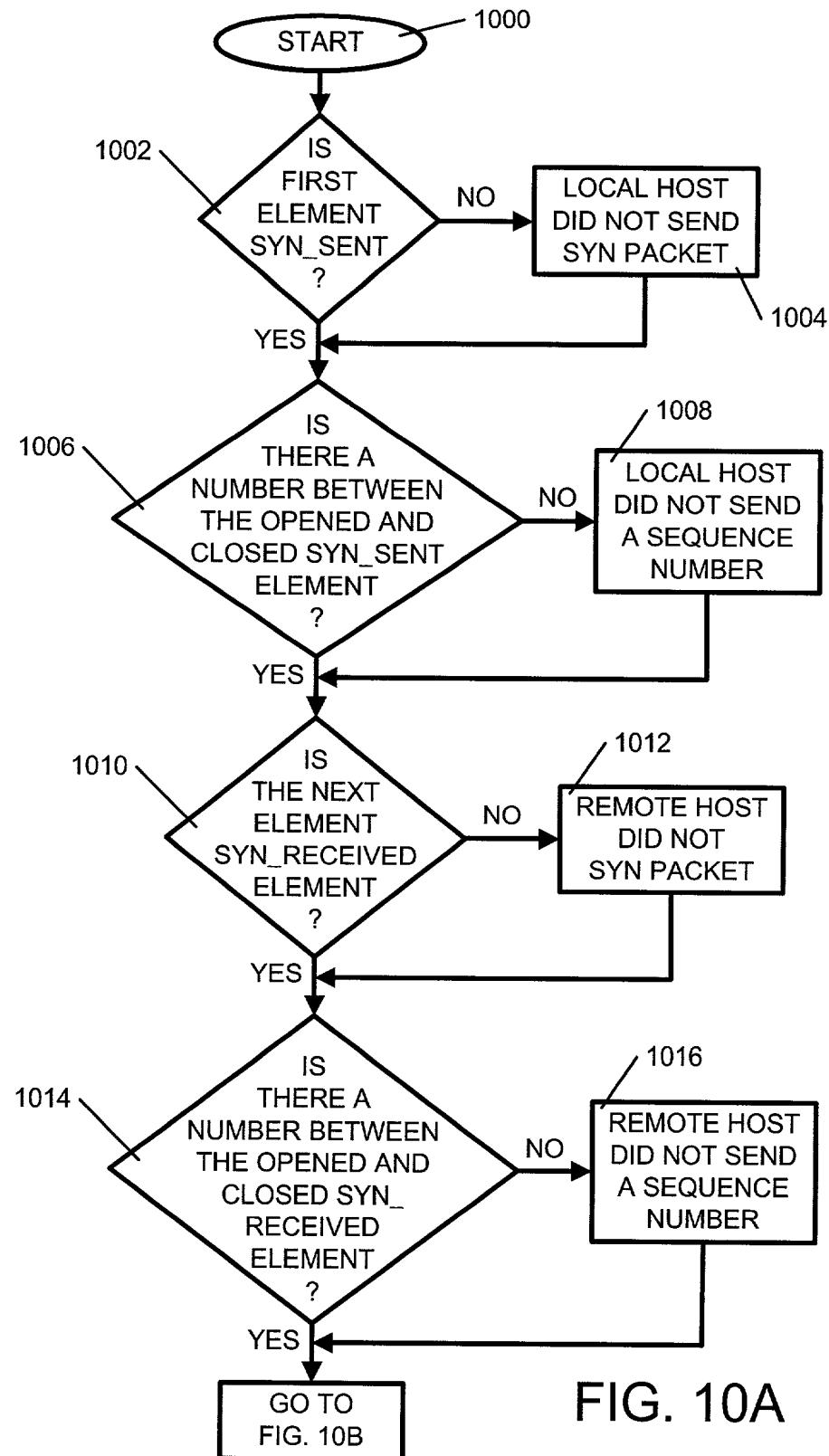


FIG. 10A

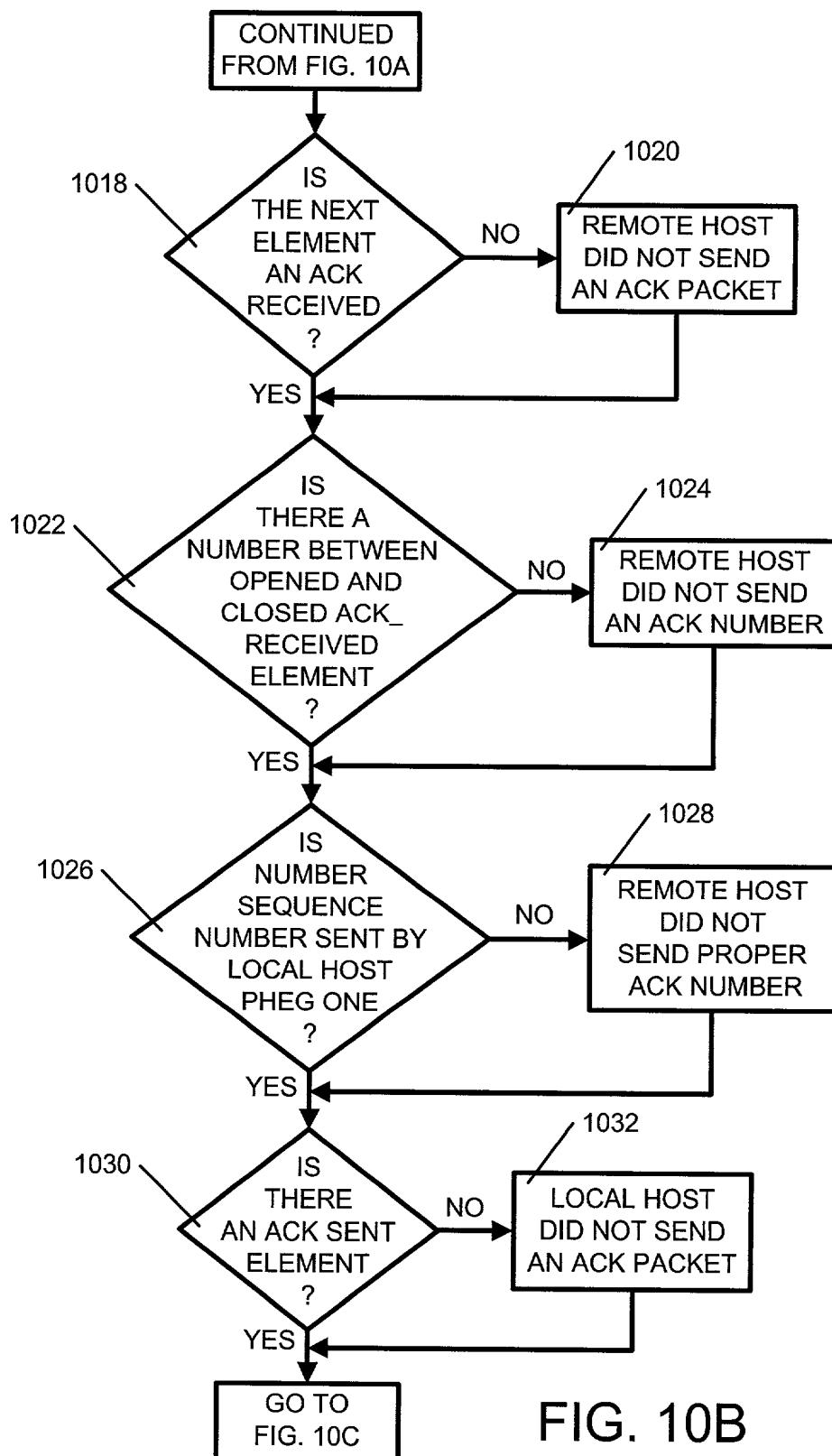


FIG. 10B

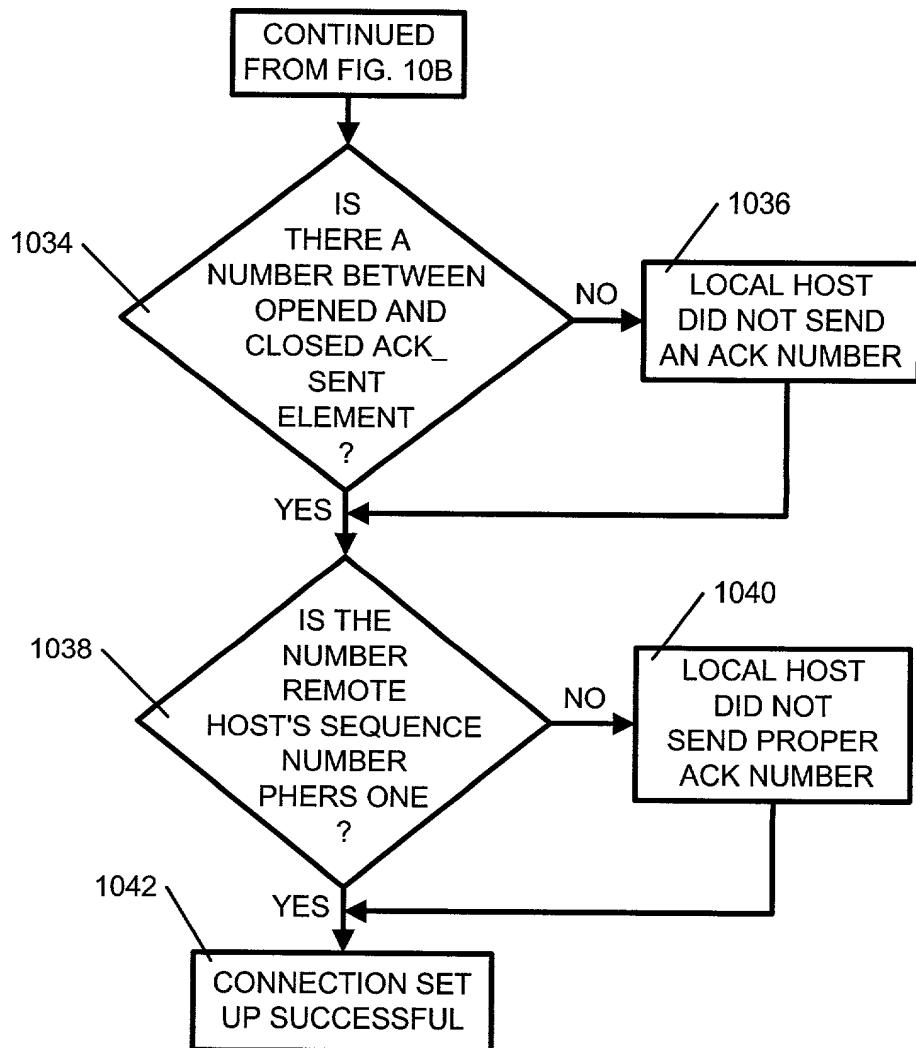


FIG. 10C

```
<?XML VERSION="1.0"?>
<XS:SCHEMA XMLNS:XS="HTTP://WWW.W3.ORG/2001/XMLSHEMA>
<XS:ELEMENT NAME="IP_HEADER">
<XS:COMPLEXTYPE>
<XS:SEQUENCE>
<XS:ELEMENT NAME="TCP_HEADER">
<XS:COMPLEXTYPE>
<XS:SEQUENCE>
<XS:ELEMENT NAME="TCP_CONNECTION">
<XS:COMPLEXTYPE>
<XS:SEQUENCE>
<XS:ELEMENT REF="SYN_SENT" MINOCCURS="0" MAXOCCURS="1"/>
<XS:ELEMENT REF="SYN_RECEIVED" MINOCCURS="0"
    MAXOCCURS="1"/>
<XS:ELEMENT REF="ACK_RECEIVED" MINOCCURS="0"
    MAXOCCURS="UNBOUNDED"/>
<XS:ELEMENT REF="ACK_SENT" MINOCCURS="0" MAXOCCURS=
    "UNBOUNDED"/>
</XS:SEQUENCE>
</XS:COMPLEXTYPE>
</XS:ELEMENT>
</XS:SEQUENCE>
</XS:COMPLEXTYPE>
</XS:ELEMENT>
</XS:SEQUENCE>
</COMPLEXTYPE>
</XS:ELEMENT>
</XS:SCHEMA>
```

FIG. 11

```
<?XML VERSION="1.0"?>
<IP_HEADER>
  <TCP_HEADER>
    <TCP_CLOSE-CONNECTION
      <FIN_SENT>SEQUENCE#</FIN_SENT>
      <ACK RECEIVED>ACK#</ACK RECEIVED>
      <FIN RECEIVED>SEQUENCE#</FIN RECEIVED>
      <ACK SENT>ACK#</ACK SENT>
    </TCP_CLOSE-CONNECTION>
  </TCP_HEADER>
</IP_HEADER>
```

FIG. 12

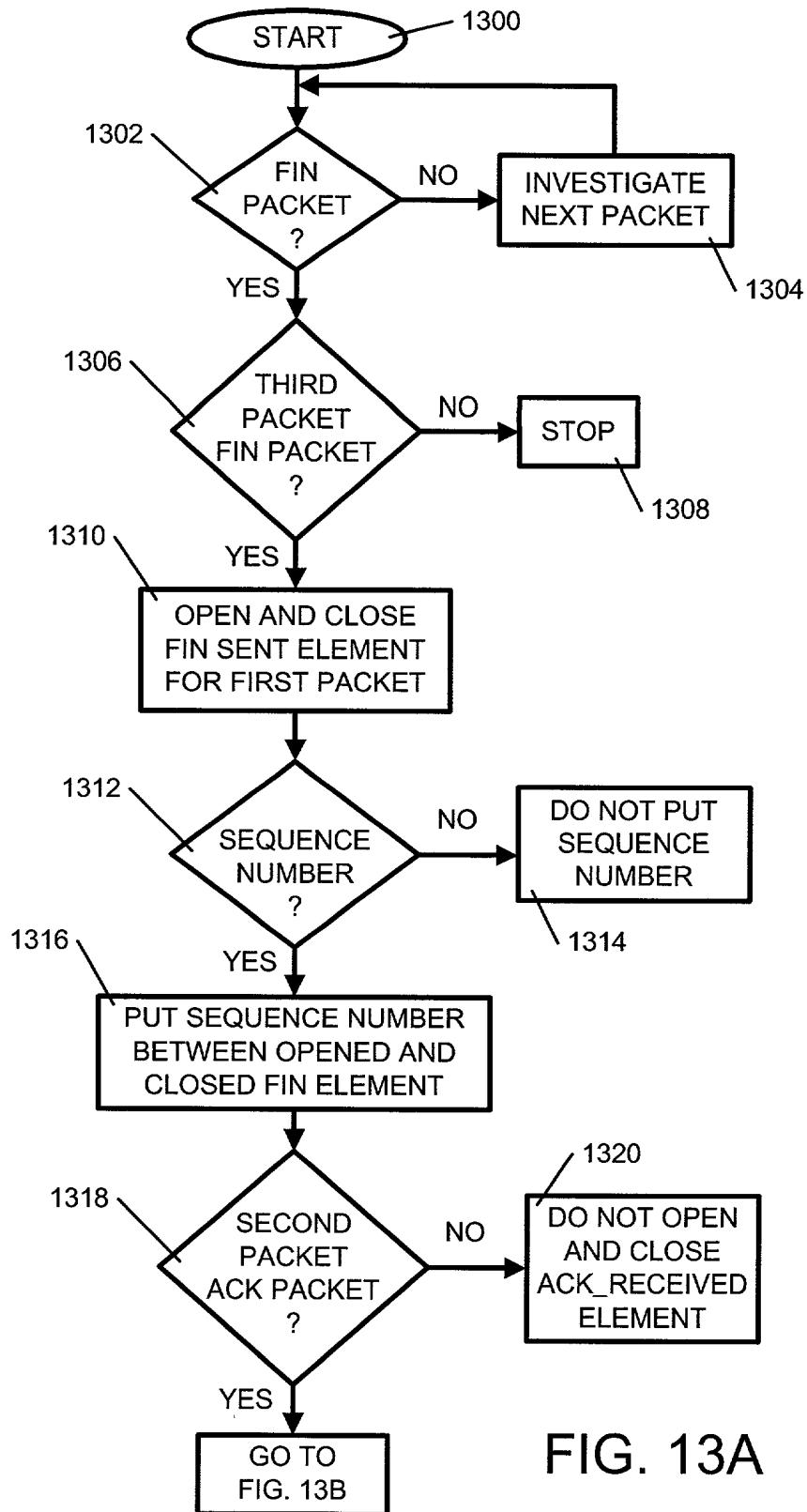


FIG. 13A

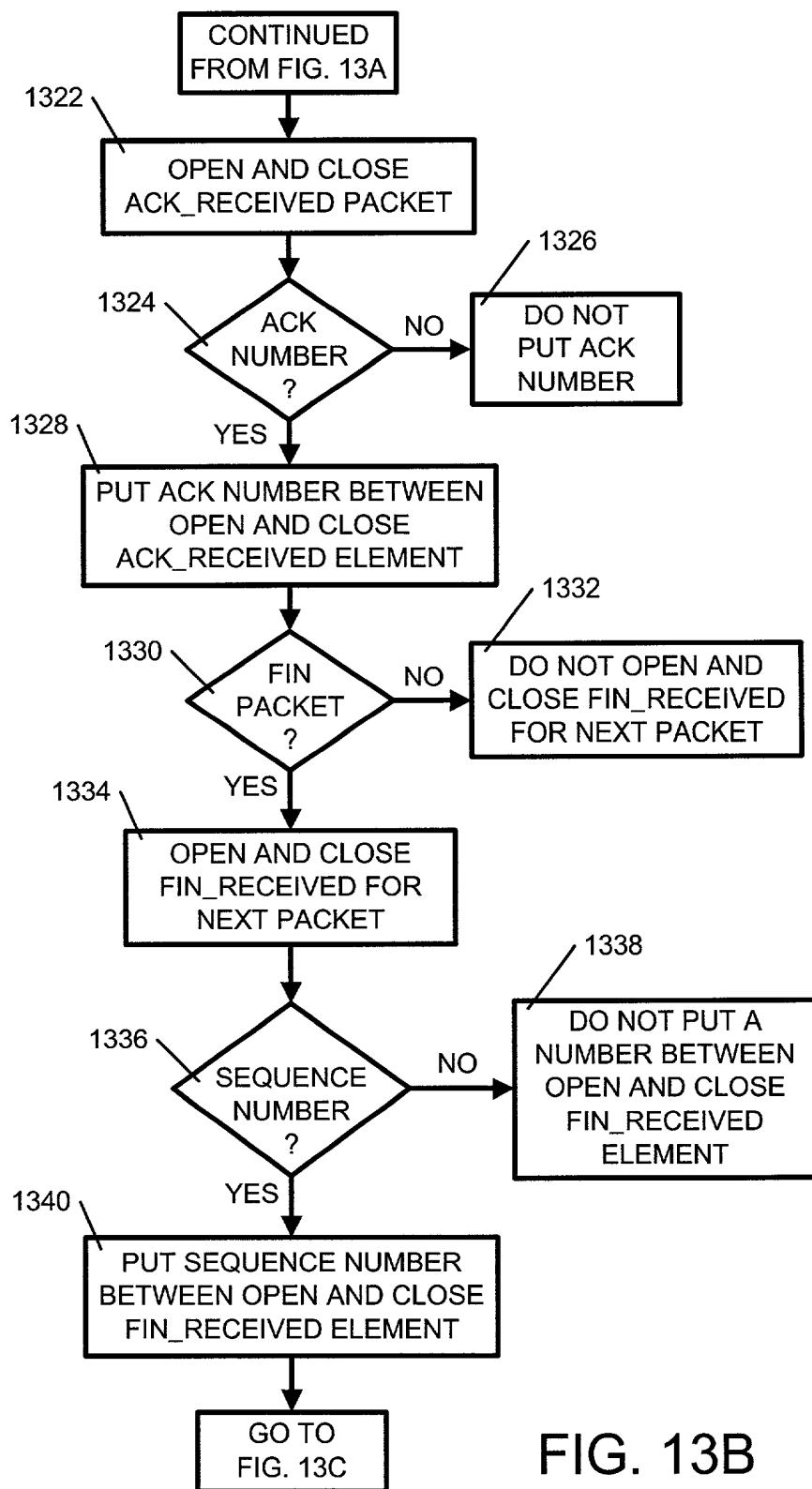


FIG. 13B

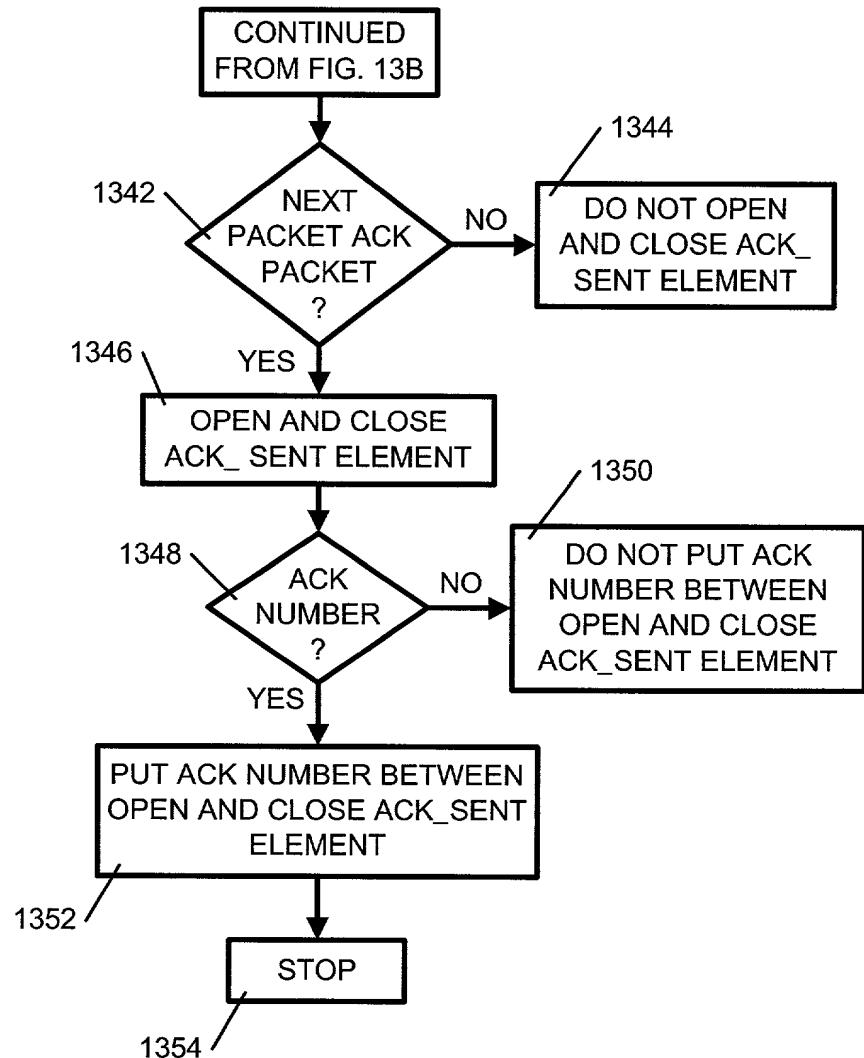


FIG. 13C

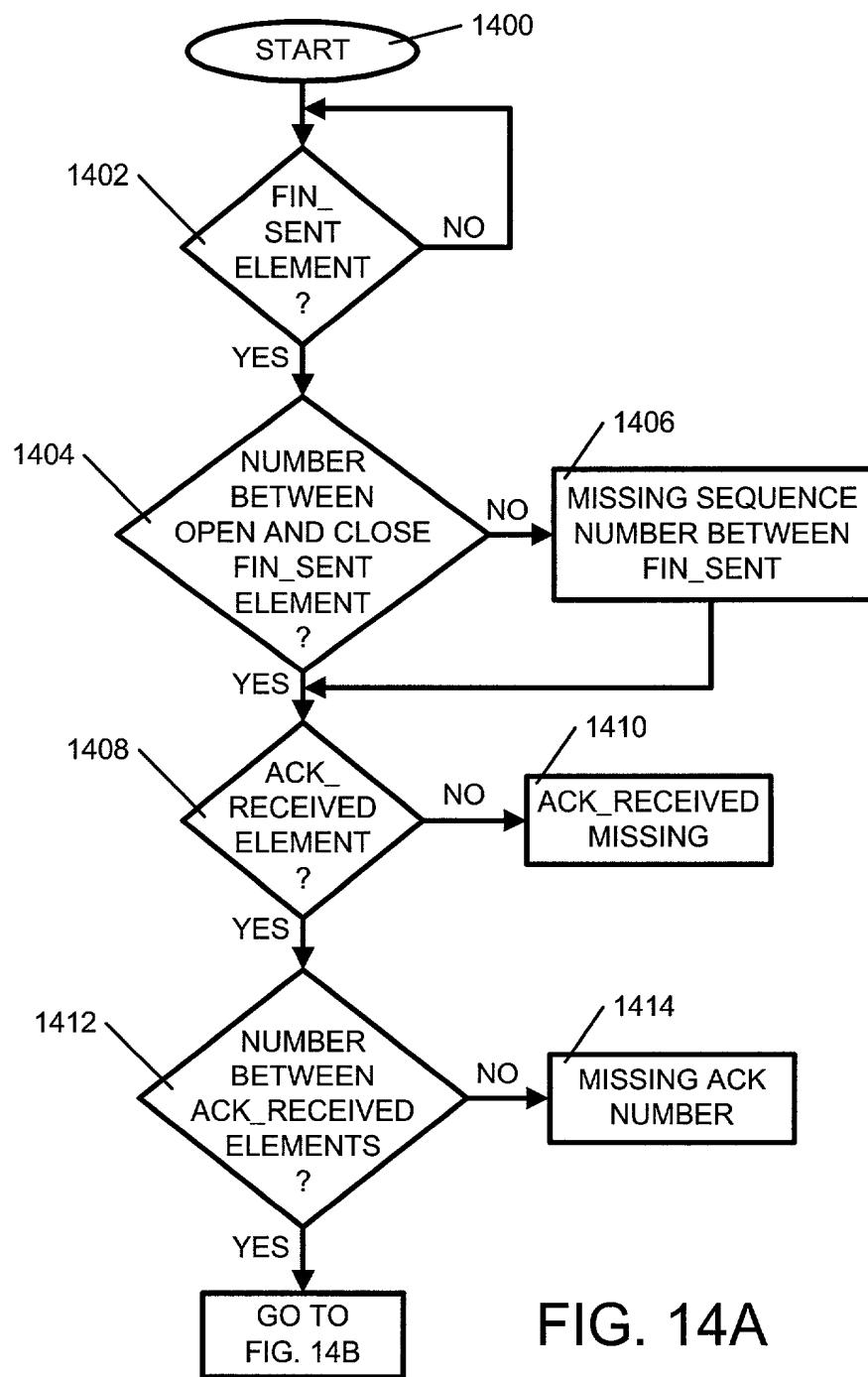


FIG. 14A

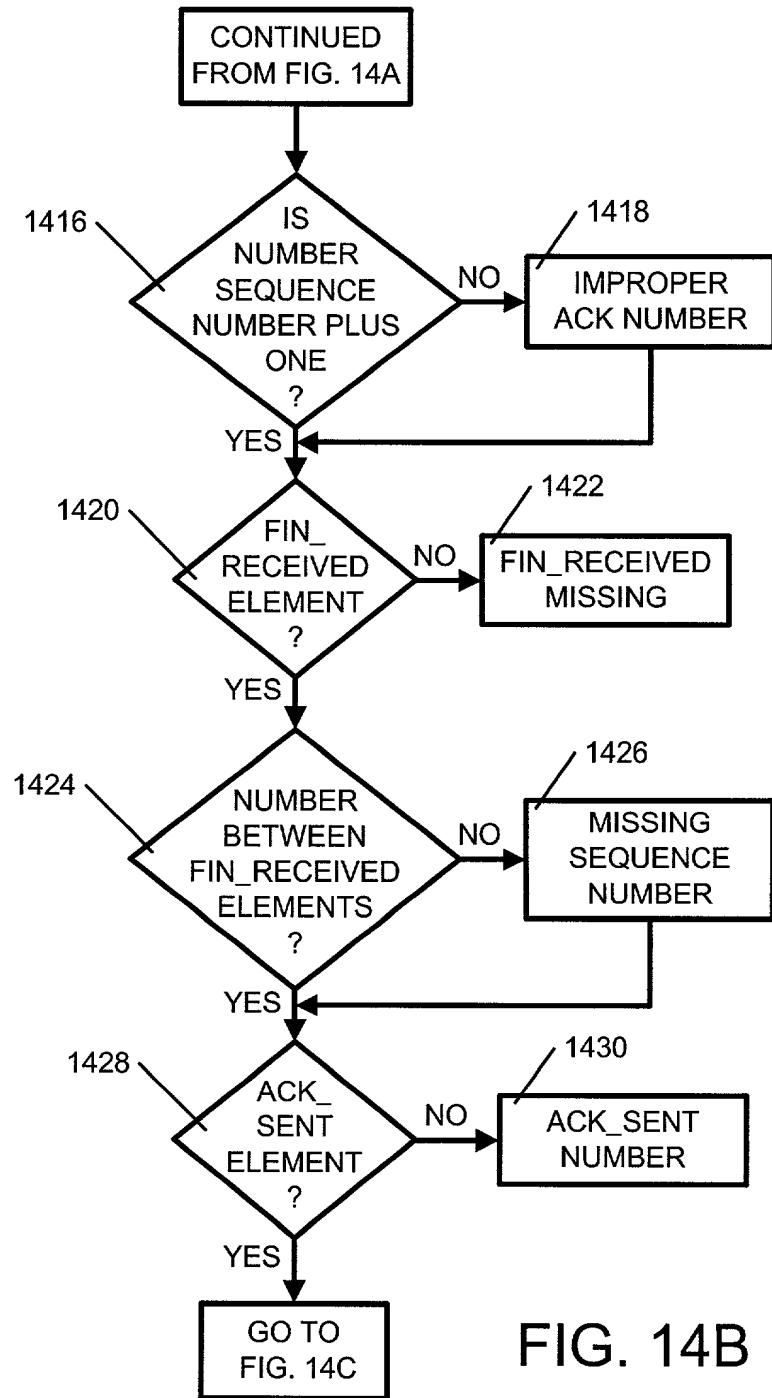


FIG. 14B

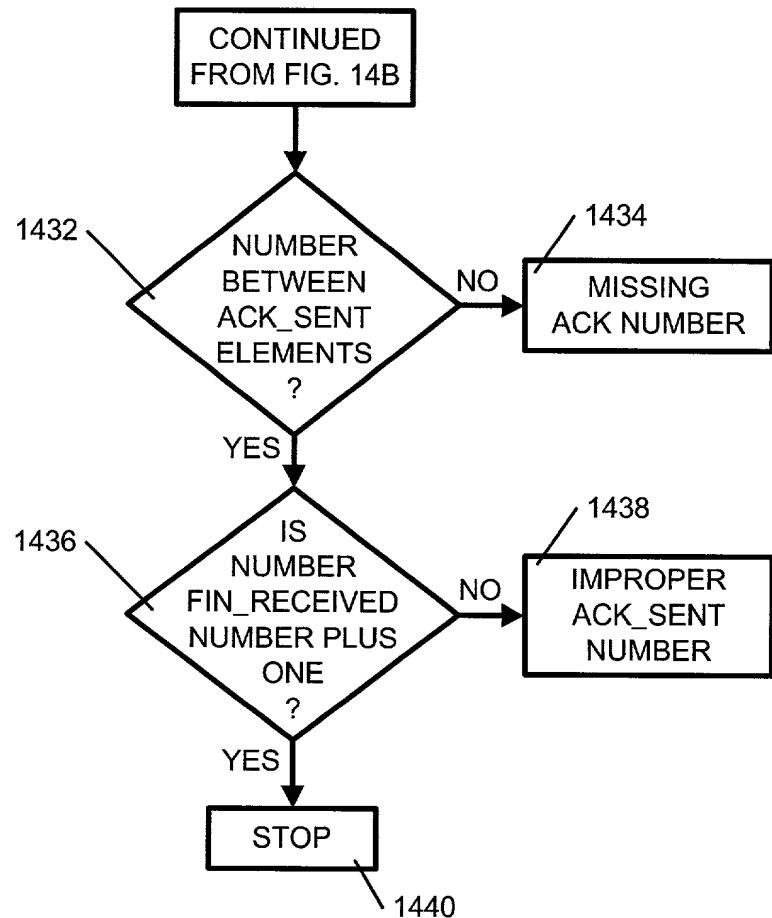


FIG. 14C

```
<?XML VERSION="1.0"?>
<XS:SCHEMA XMLNS:XS="HTTP://WWW.W3.ORG/2001/XMLSHEMA>
<XS:ELEMENT NAME="IP_HEADER">
<XS:COMPLEXTYPE>
<XS:SEQUENCE>
<XS:ELEMENT NAME="TCP_HEADER">
<XS:COMPLEXTYPE>
<XS:SEQUENCE>
<XS:ELEMENT NAME="TCP_CLOSE-CONNECTION">
<XS:COMPLEXTYPE>
<XS:SEQUENCE>
<XS:ELEMENT REF="FIN_SENT" MINOCCURS="0"
             MAXOCCURS="UNBOUNDED"/>
<XS:ELEMENT REF="ACK RECEIVED" MINOCCURS="0"
             MAXOCCURS="UNBOUNDED"/>
<XS:ELEMENT REF="FIN RECEIVED" MINOCCURS="0"
             MAXOCCURS="UNBOUNDED"/>
<XS:ELEMENT REF="ACK SENT" MINOCCURS="0" MAXOCCURS=
              "UNBOUNDED"/>
</XS:SEQUENCE>
</XS:COMPLEXTYPE>
</XS:ELEMENT>
</XS:SEQUENCE>
</XS:COMPLEXTYPE>
</XS:ELEMENT>
</XS:SEQUENCE>
</COMPLEXTYPE>
</XS:ELEMENT>
</XS:SCHEMA>
```

FIG. 15

GIL.1023>DEVO.LOGIN:S 768512(0) WIN 4096 <MSS 1024>  
DEVO.LOGIN>GIL.1023:S 947648:947648(0) ACK 768513 WIN 4096 <MSS 1024>  
GIL.1023>DEVO.LOGIN: .ACK 1 WIN 4096

FIG. 16

<?XML VERSION="1.0"?>  
<IP\_HEADER>  
  <TCP\_HEADER APP="RLOGIN" SPORT="1023" SHOST="GIL" RPORT="LOGIN"  
    RHOST="DEVO">  
    <TCP\_CONNECTION>  
      <SYN\_SENT WIN="4096" MSS="1024">768512:768512(0) </SYN\_SENT>  
      <SYN\_RECEIVED WIN="4096" MSS="1024">947648:947648(0)  
    </SYN\_RECEIVED>  
      <ACK\_RECEIVED WIN="4096" MSS="1024">768513  
    </ACK\_RECEIVED>  
      <ACK\_SENT WIN="4096" RELATIVESEQ="YES">1  
    </ACK\_SENT>  
  </TCP\_CONNECTION>  
</TCP\_HEADER>  
</IP\_HEADER>

FIG. 17

<CONNECTION\_ESTABLISH>  
  <PARAMETER\_NEGOTIATION>  
  <DATA\_EXCHANGE>  
  ...  
  <WINDUP\_OPERATIONS>  
<CONNECTION\_CLOSE>

FIG. 18

```
<?XML VERSION="1.0"?>
<IP_HEADER>
  <TCP_HEADER >
    <SYN_RECEIVED>SEQUENCE# </SYN_RECEIVED>
    <SYN_SENT>SEQUENCE#</SYN_SENT>
    <ACK RECEIVED>ACK#</ACK RECEIVED>
    <ACK__SENT>ACK#</ACK_SENT>
  </TCP_HEADER>
</IP_HEADER>
```

FIG. 19

```
<?XML VERSION="1.0"?>
<IP_HEADER>
  <TCP_HEADER >
    <SYN_RECEIVED>SEQUENCE# </SYN_RECEIVED>
    <ACK RECEIVED>ACK#</ACK RECEIVED>
    <ACK__SENT>ACK#</ACK_SENT>
  </TCP_HEADER>
</IP_HEADER>
```

FIG. 20